

Recombinant Human TOP3A protein, His & T7-tagged

Cat. No. TOP3A-8248H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TOP3A aa. (Lys35~Ser179 (Accession # Q13472)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Lys35~Ser179
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 16.9kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 8.3.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

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Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Storage Buffer

Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name

TOP3A DNA topoisomerase III alpha [Homo sapiens (human)]

Official Symbol

TOP3A

Synonyms

TOP3A; DNA topoisomerase III alpha; TOP3; ZGRF7; DNA topoisomerase 3-alpha; topo III-alpha; topoisomerase (DNA) III alpha; zinc finger, GRF-type containing 7

Gene ID

7156

mRNA Refseq

NM_001320759.1

Protein Refseq

NP_001307688.1

UniProt ID

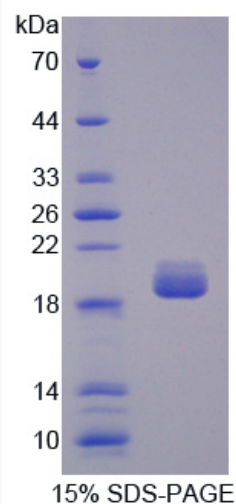
Q13472

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SDS-PAGE



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